

LEILA-Y-SS

~14° smooth spot beam. 14.8 mm high assembly
with black holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ø 21.6
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

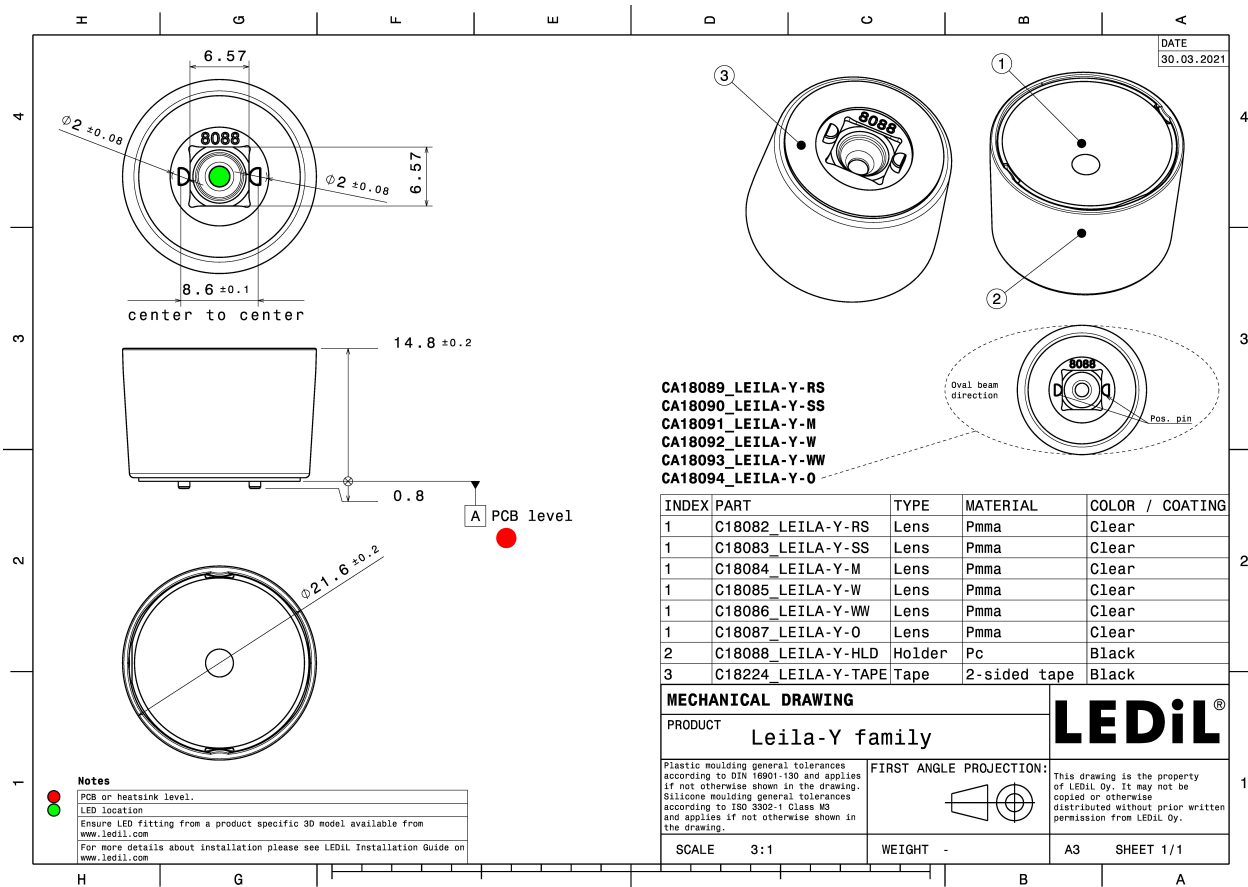


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LEILA-Y-SS	Single lens	PMMA	clear	gloss	
LEILA-Y-HLD	Holder	PC	black	gloss	
LEILA-Y-TAPE	Tape	Acryl tape			

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18090_LEILA-Y-SS	1800	180	180	7.2
» Box size: 476 x 273 x 197 mm				

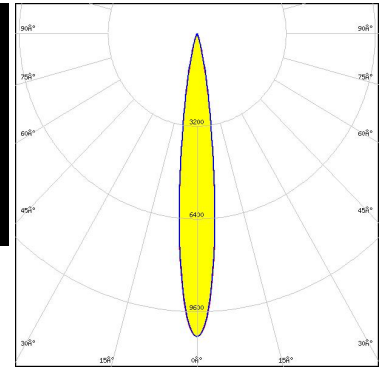


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



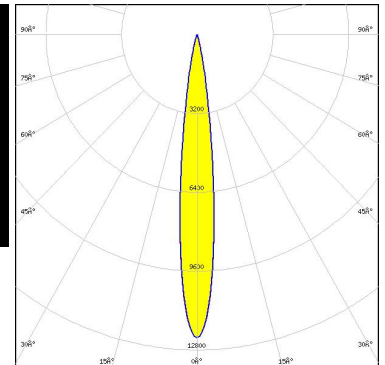
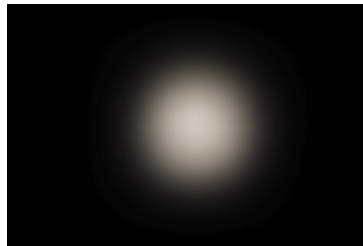
LED XHP35 HI
FWHM / FWTM 14.0° / 27.0°
Efficiency 83 %
Peak intensity 10.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



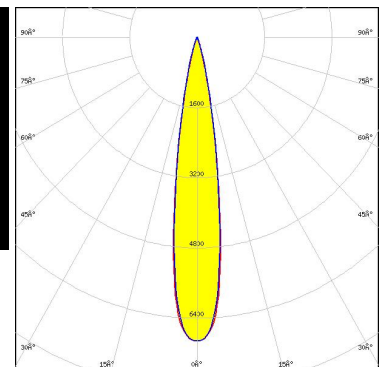
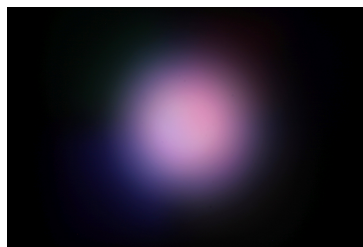
LED XP-G4
FWHM / FWTM 13.0° / 25.0°
Efficiency 85 %
Peak intensity 12.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L RGBW HD
FWHM / FWTM 17.0° / 31.0°
Efficiency 81 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

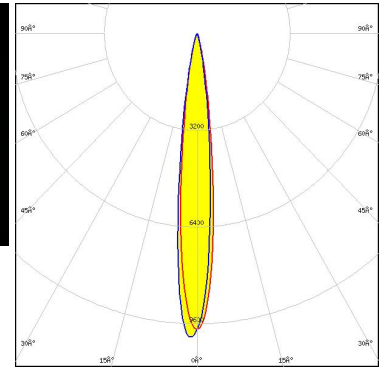
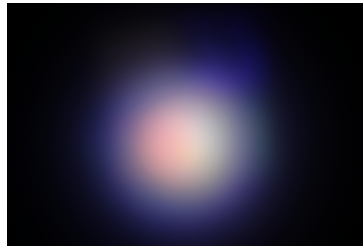


Light distribution files

OPTICAL RESULTS (MEASURED):



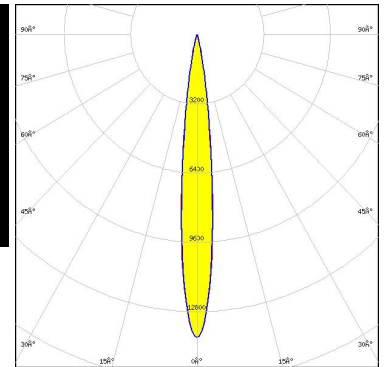
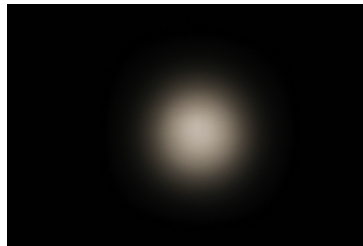
LED XP-L RGBW HI
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 75 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



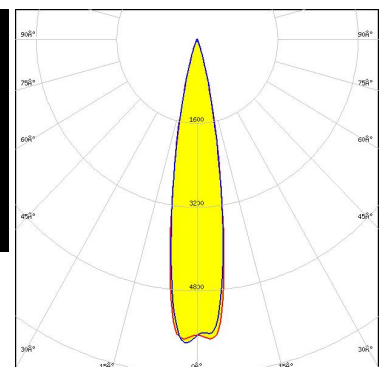
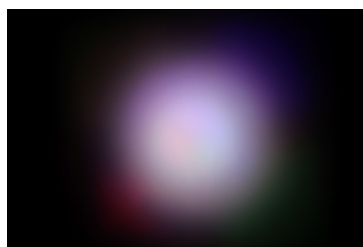
LED NVSW719AC
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 85 %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSLO Pure 1414
 FWHM / FWTM 19.0° / 33.0°
 Efficiency 80 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:

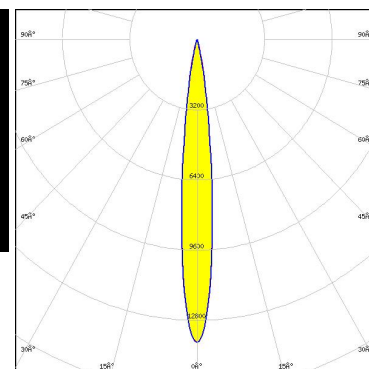
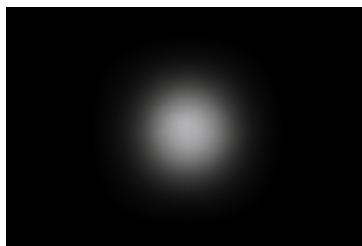


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	12.0° / 24.0°
Efficiency	84 %
Peak intensity	13.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

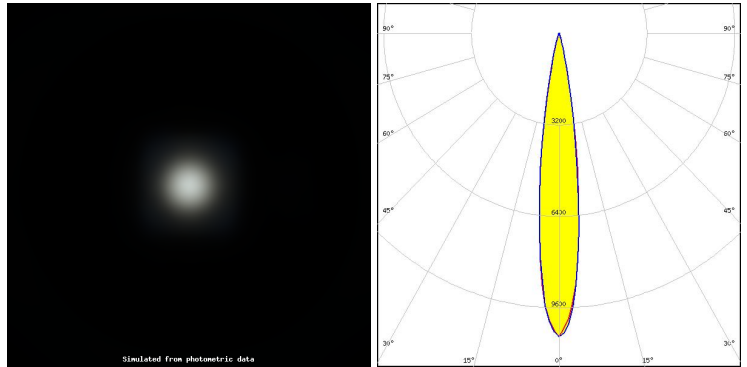


Light distribution files

OPTICAL RESULTS (SIMULATED):



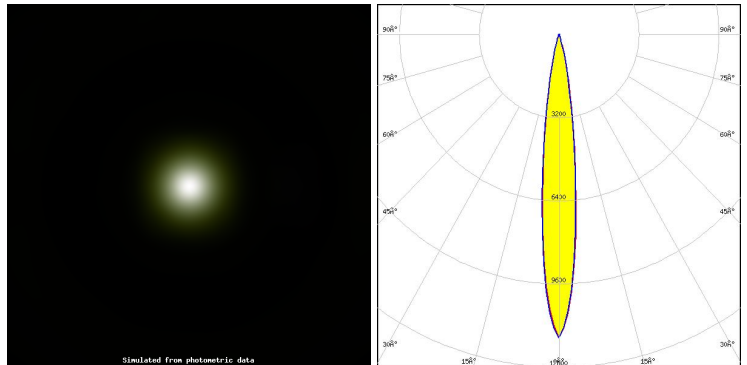
LED Bridgelux SMD 3535 (3B1)
 FWHM / FWTM 16.0° / 28.0 + 27.0°
 Efficiency 88 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



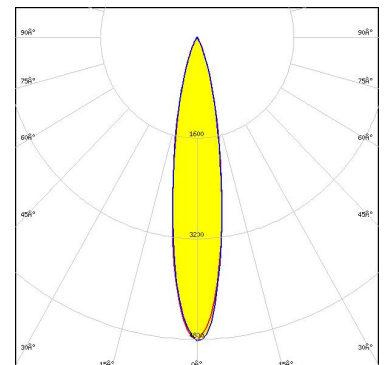
LED J Series 3030C
 FWHM / FWTM 13.0 + 14.0° / 27.0 + 28.0°
 Efficiency 87 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED J Series 5050 Round LES
 FWHM / FWTM 19.0° / 42.0°
 Efficiency 82 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

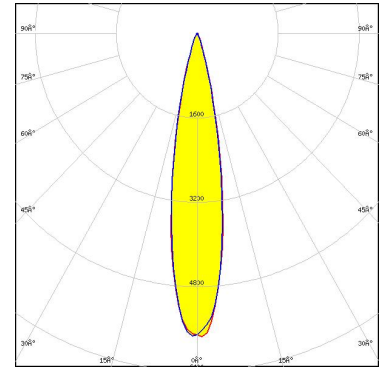


Light distribution files

OPTICAL RESULTS (SIMULATED):



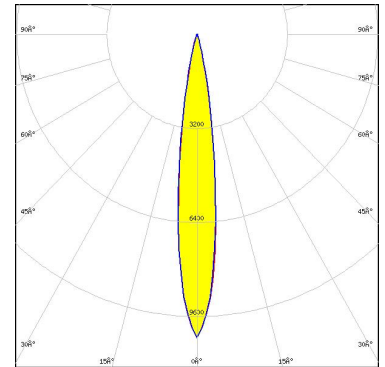
LED XHP35 HD
FWHM / FWTM 20.0° / 36.0°
Efficiency 83 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



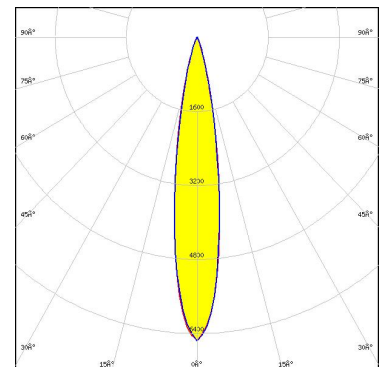
LED XHP35 HI
FWHM / FWTM 14.0° / 28.0°
Efficiency 87 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP35.2 HI
FWHM / FWTM 18.0° / 34.0°
Efficiency 83 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

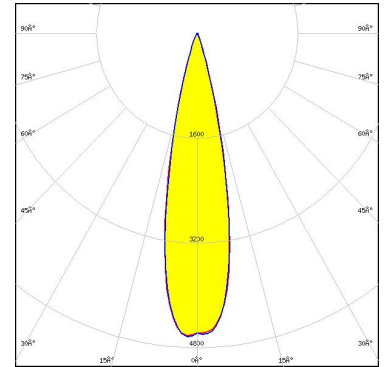


Light distribution files

OPTICAL RESULTS (SIMULATED):



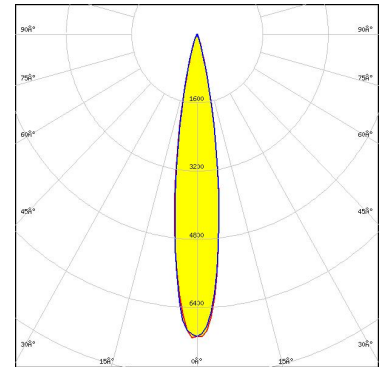
LED XM-L RGBW (XMLDCL HD)
 FWHM / FWTM 24.0° / 38.0°
 Efficiency 83 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



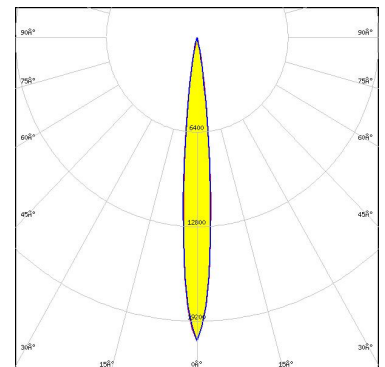
LED XM-L3
 FWHM / FWTM 17.0° / 31.0°
 Efficiency 80 %
 Peak intensity 7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-E
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 90 %
 Peak intensity 20.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

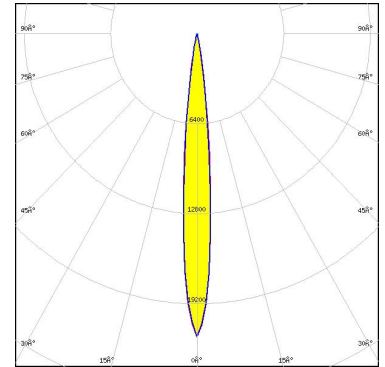


Light distribution files

OPTICAL RESULTS (SIMULATED):



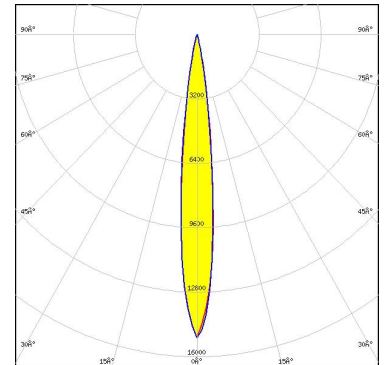
LED XP-E2
FWHM / FWTM 11.0° / 20.0°
Efficiency 91 %
Peak intensity 21 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



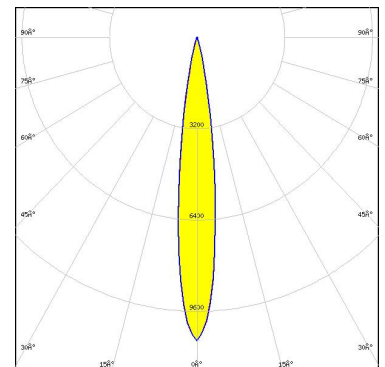
LED XP-G2
FWHM / FWTM 13.0° / 24.0°
Efficiency 90 %
Peak intensity 15 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G3
FWHM / FWTM 14.0° / 27.0°
Efficiency 84 %
Peak intensity 10 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

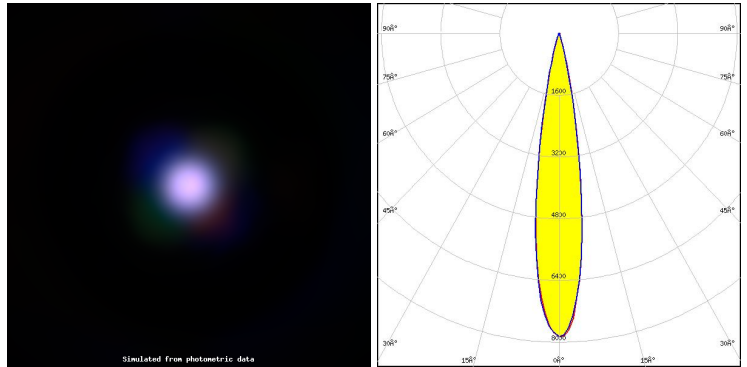


Light distribution files

OPTICAL RESULTS (SIMULATED):



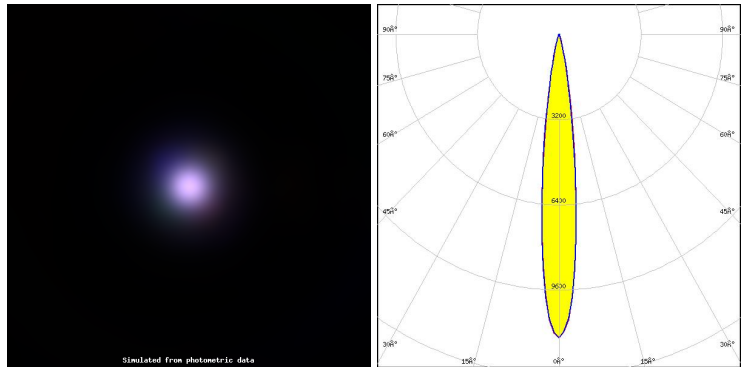
LED XP-L RGBW HD
 FWHM / FWTM 18.0° / 30.0°
 Efficiency 84 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



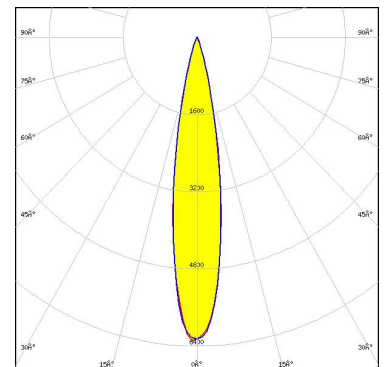
LED XP-L RGBW HI
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 86 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files



LED XP-L2
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 81 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

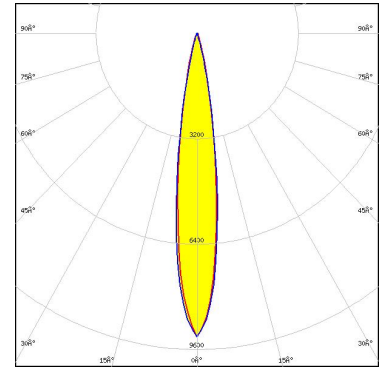


Light distribution files

OPTICAL RESULTS (SIMULATED):



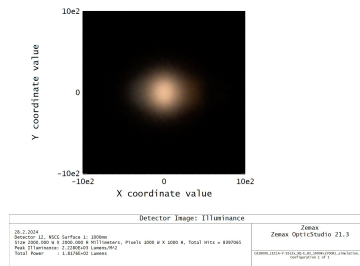
LED XQ-E HD
FWHM / FWTM 15.0 + 16.0° / 30.0 + 28.0°
Efficiency 86 %
Peak intensity 9.2 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files



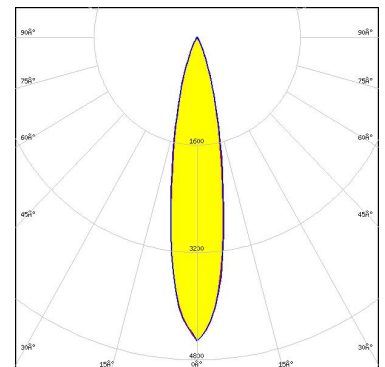
LED XQ-E HI
FWHM / FWTM 16.0° / 33.0 + 30.0°
Efficiency 87 %
Peak intensity 8.8 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:



Light distribution files



LED LUXEON 5050 Round LES
FWHM / FWTM 20.0° / 43.0°
Efficiency 82 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

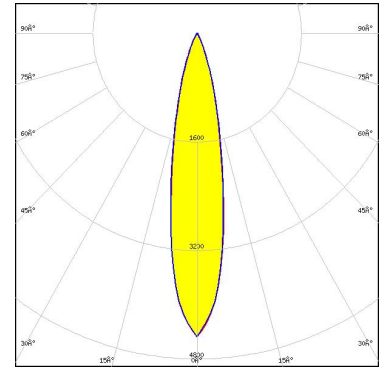


Light distribution files

OPTICAL RESULTS (SIMULATED):



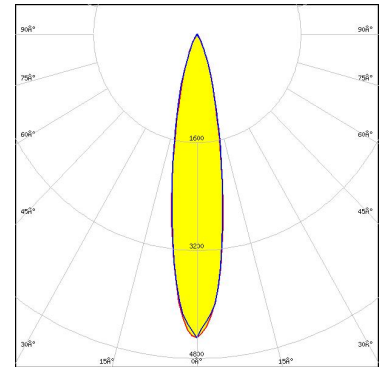
LED LUXEON 5050 Round LES
 FWHM / FWTM 20.0° / 42.0°
 Efficiency 82 %
 Peak intensity 4.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



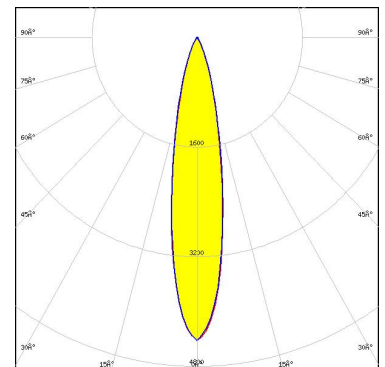
LED LUXEON 5050 Square LES
 FWHM / FWTM 20.0° / 43.0°
 Efficiency 81 %
 Peak intensity 4.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 5050 Square LES
 FWHM / FWTM 20.0° / 44.0°
 Efficiency 81 %
 Peak intensity 4.4 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

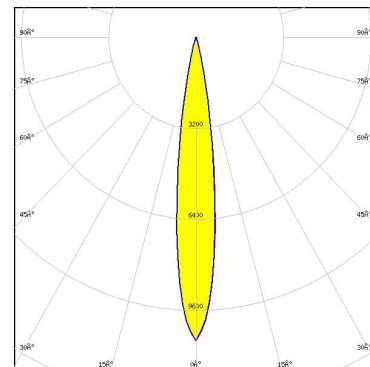


Light distribution files

OPTICAL RESULTS (SIMULATED):



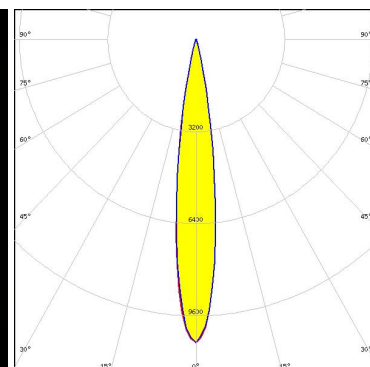
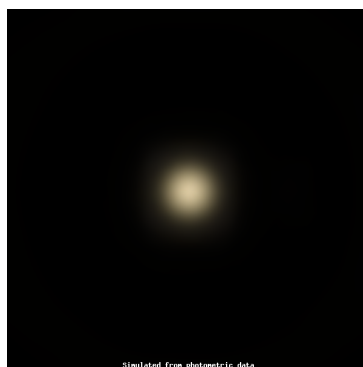
LED LUXEON HL2X
FWHM / FWTM 14.0° / 28.0°
Efficiency 87 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



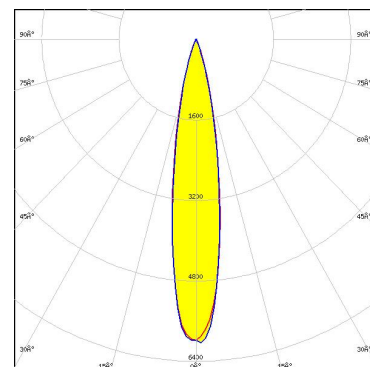
LED LUXEON HL2X-V
FWHM / FWTM 16.0° / 28.0°
Efficiency 88 %
Peak intensity 10.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON MZ
FWHM / FWTM 18.0° / 36.0°
Efficiency 84 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

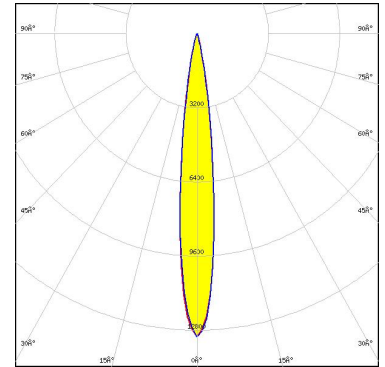


Light distribution files

OPTICAL RESULTS (SIMULATED):



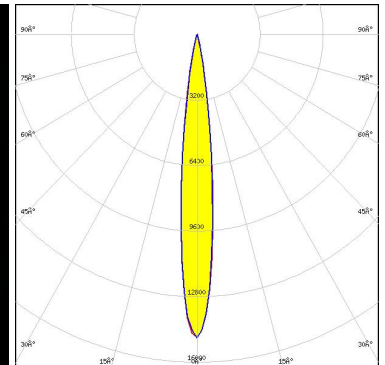
LED LUXEON TX
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 88 %
 Peak intensity 13 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



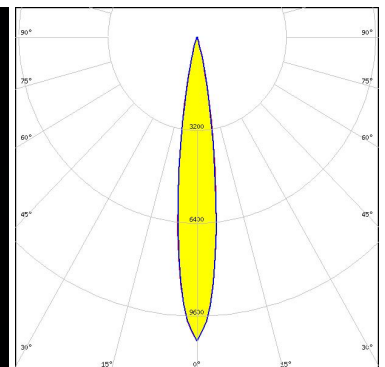
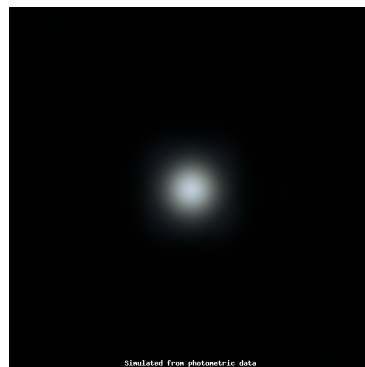
LED SST-20 Gen2
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 88 %
 Peak intensity 14.8 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SST-20F-W
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 87 %
 Peak intensity 10.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

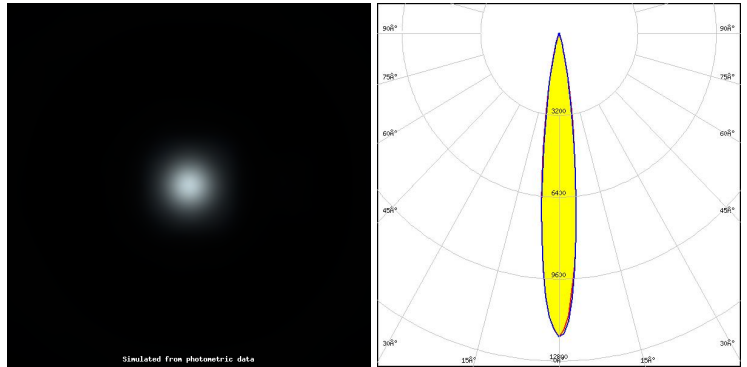


Light distribution files

OPTICAL RESULTS (SIMULATED):



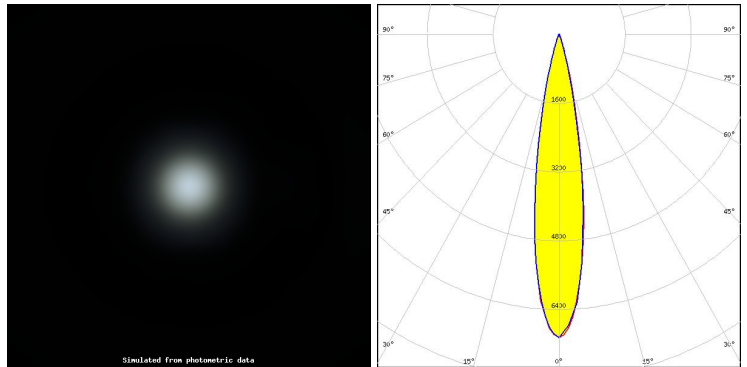
LED SST-25-W
FWHM / FWTM 14.0° / 26.0°
Efficiency 87 %
Peak intensity 11.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



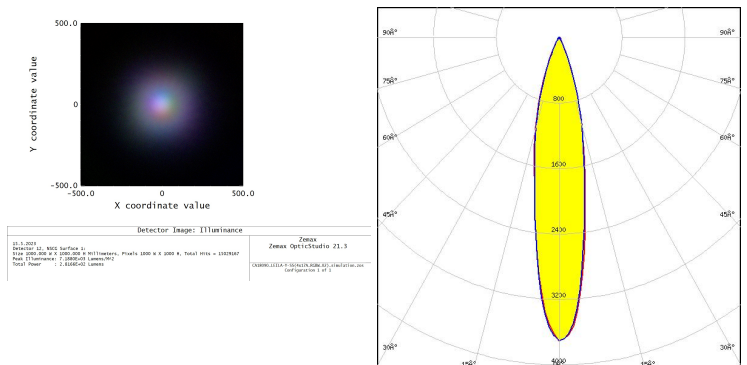
LED SST-36F-W
FWHM / FWTM 18.0° / 32.0°
Efficiency 85 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NCSxE17A
FWHM / FWTM 20.0° / 46.0°
Efficiency 75 %
Peak intensity 3.7 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

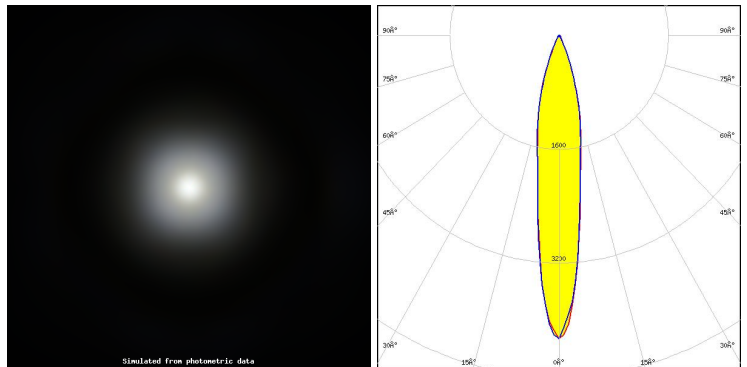


Light distribution files

OPTICAL RESULTS (SIMULATED):



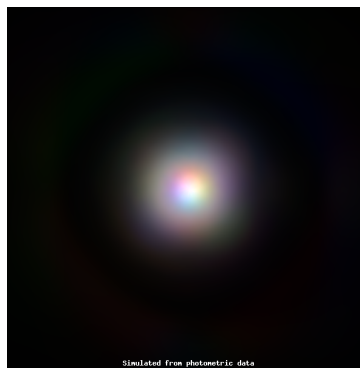
LED NCSxE17A
 FWHM / FWTM 16.0° / 44.0°
 Efficiency 77 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files



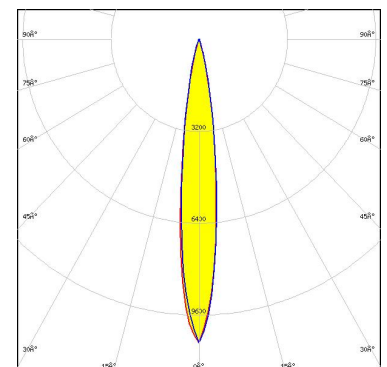
LED NCSxE17A
 FWHM / FWTM 17.0 + 18.0° / 44.0°
 Efficiency 78 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 4
 Light colour/type RGBW
 Required components:



Light distribution files



LED NF2x757G
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 87 %
 Peak intensity 10.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

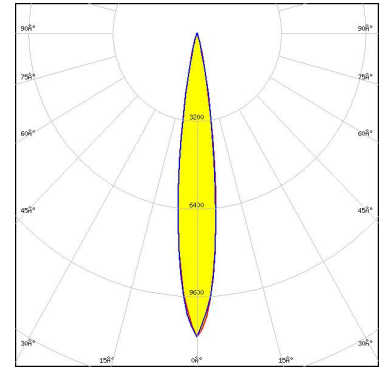


Light distribution files

OPTICAL RESULTS (SIMULATED):



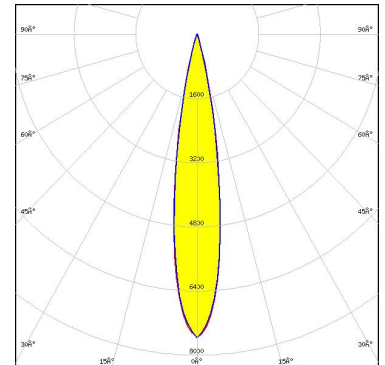
LED NVSW219F
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 88 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



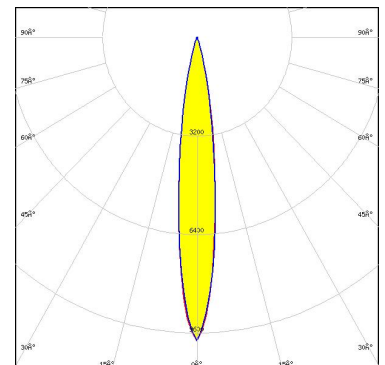
LED NVSW519A
 FWHM / FWTM 18.0° / 30.0°
 Efficiency 81 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxE21A
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 84 %
 Peak intensity 9.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

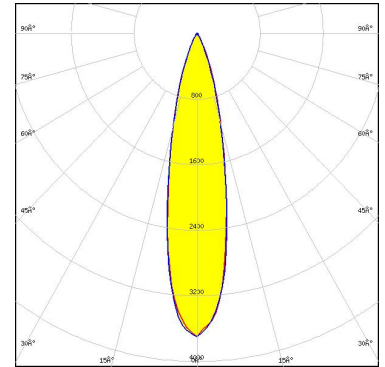


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

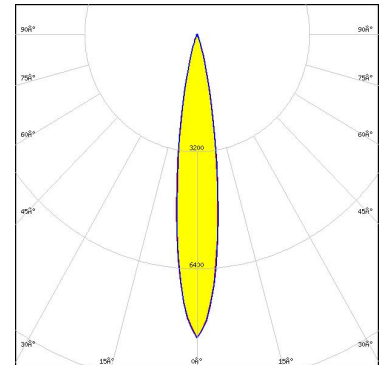
LED Duris S8
FWHM / FWTM 23.0° / 47.0°
Efficiency 80 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

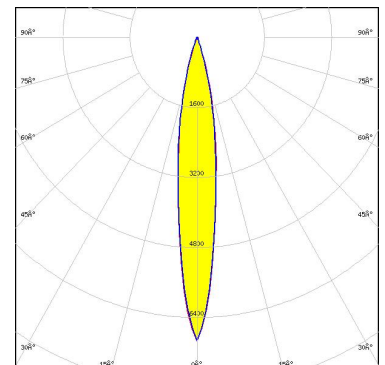
LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 16.0° / 32.0°
Efficiency 86 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON PURE 1010
FWHM / FWTM 15.0° / 34.0°
Efficiency 79 %
Peak intensity 6.9 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:

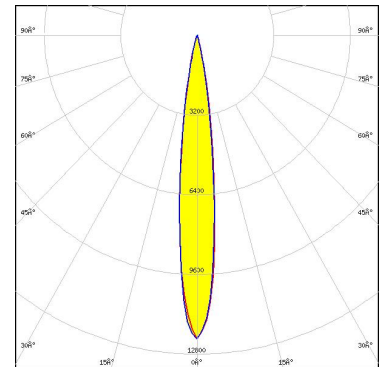


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

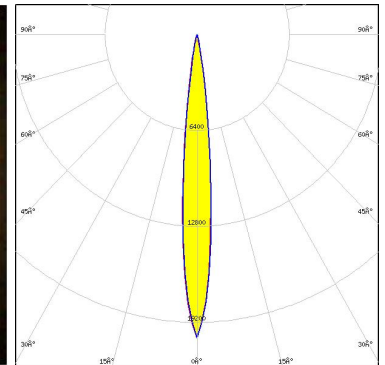
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 14.0° / 27.0°
Efficiency 88 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

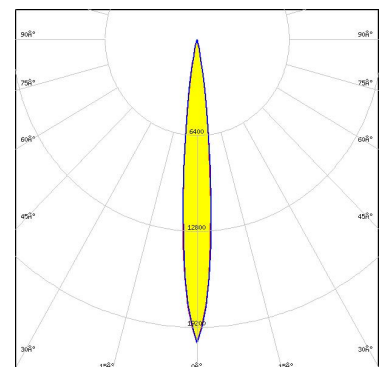
LED OSLON SSL 150
FWHM / FWTM 11.0° / 21.0°
Efficiency 91 %
Peak intensity 20 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 10.0° / 21.0°
Efficiency 91 %
Peak intensity 20.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

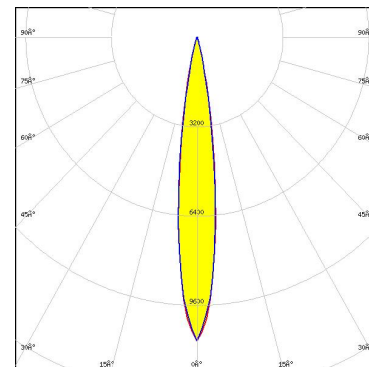


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

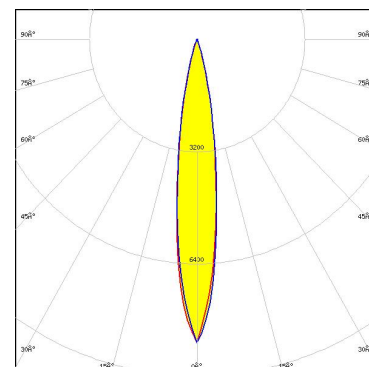
LED	LH351B
FWHM / FWTM	14.0° / 28.0°
Efficiency	86 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



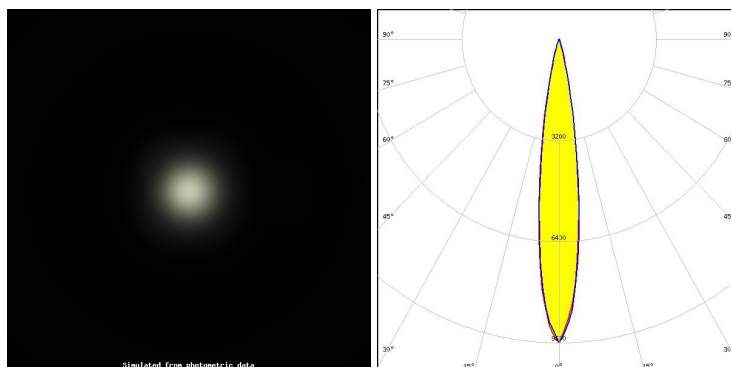
LED	Z5M4
FWHM / FWTM	16.0° / 32.0°
Efficiency	87 %
Peak intensity	8.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

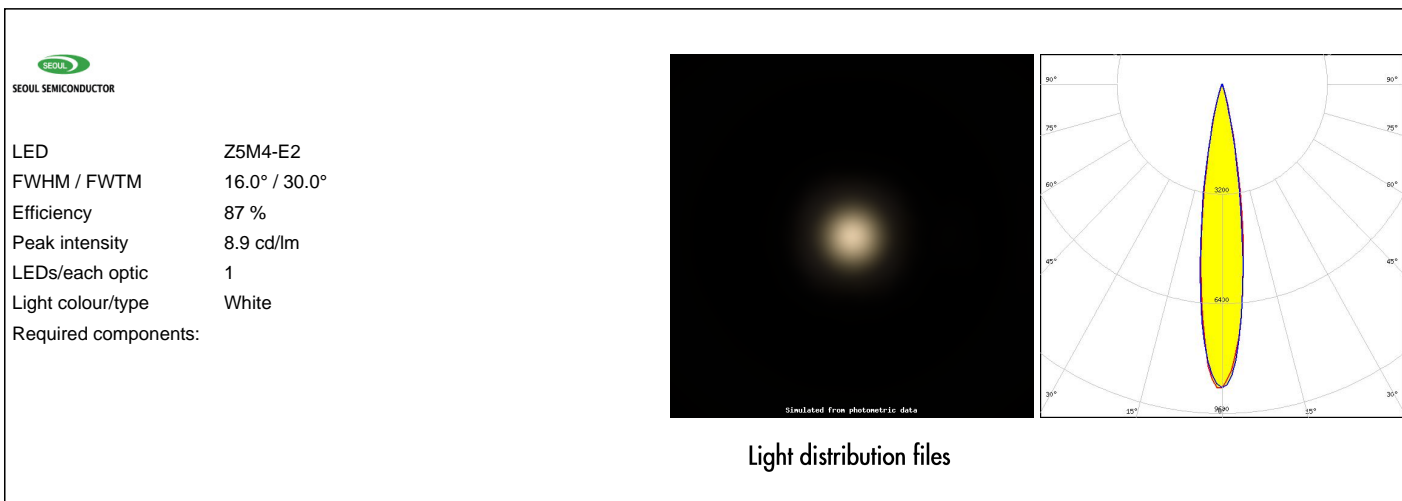


LED	Z5M4-E1
FWHM / FWTM	16.0° / 28.0°
Efficiency	87 %
Peak intensity	9.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OPTICAL RESULTS (SIMULATED):



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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